

Amendments To The Abstract

Clean Version

Please replace the Abstract of the Disclosure with the following paragraph:

Provided are a Vestigial Side Band (VSB) Digital Television (DTV) transmitter and receiver based on the Advanced Television System Committee (ATSC) A/53, and a method thereof. The present invention provides 8-VSB DTV transmitter and receiver that can improve reception performance of the receiver by transmitting and receiving robust data mixed with P-2VSB, E-4VSB, and/or E-8VSB. The DTV transmitter includes an input means for receiving a digital video data stream including normal data and robust data; an encoding means for coding the digital video data stream into data symbols; and a transmitting means for modulating and transmitting an output signal of the encoding means, wherein the encoding means performs trellis coding on the robust data by sequentially applying a plurality of trellis coding methods.